

## **REMARKS**

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action. All details of the reference prior arts are fully considered and compared with the present invention.

### **ABOUT CLAIM REJECTION OF 35USC102**

Indeed the citations disclose some features of the present invention, and the applicant agrees with these viewpoints, however applicant discovers that some main features of the present invention are not disclosed in the citation which can form the novelty and inventive step of the present invention.

To illustrate the novelty of the present invention and overcome the objection from the citations, the applicant decides to cancel Claims 1 to 6, without prejudice or disclaimer of the subject matter thereof, and add new claim 7. The added new claim 7 is based on the Figs. 1 and 5 of the present invention. Thereby, it is assured that the new claims are based on the original drawings and specification and thus no new matter is added.

### **DISCUSSION ABOUT THE NOVELTY THE PRESENT INVENTION**

#### **(A) For the new claim 7**

The claim 7 claims the feature illustrated in Fig. 5. The claim 7 includes the elements of:

an upper cover B;

a lower cover C;

a circuit board D;

a digital conversion chip and a power amplifier chip G;

an input connected to a USB port;  
an output seat I capable of being connected to one of an earphone, a trumpet, and an optical fiber terminal;  
an earphone audio terminal connected to a Y shape connecting wire R;  
an optical fiber terminal L further connected to  
a decoding amplifier Q through an optical fiber wire M and then to a trumpet E.

All above elements are illustrated in Figs. 1 and 5 of the present invention. **The novelty of the present invention is that the present invention provides both non-optical application and optical connection.**

The main feature is that the present invention provides a connecting device which can be connected to a trumpet directly (see Fig. 5, the connection from I to J to E), and connected to an earphone (see Fig. 5, the connection from I to J to K) and to a trumpet optically (the connection from I to L to M to Q to E). In the prior art, the audio connecting device is only provided for one of optical connection and conventional connection (radio frequency connection). No audio device is provided both for optical connection and RF connection.

There are two citations USP6,490,163 and USP6,823,141 being used to object the present invention.

(1) The citation '163 do not disclose the following function of:

an upper cover B;  
a lower cover C;  
an output seat I capable of being connected to one of an earphone, a trumpet, and an optical fiber terminal;

an earphone audio terminal connected to a Y shape connecting wire R;  
an optical fiber terminal L further connected to  
a decoding amplifier Q through an optical fiber wire M and then  
to a trumpet E.

It is important that the citation '163 does not disclose that the device  
can be used both for non-optical and optical device.

(2) The citation '141 do not disclose the following function of:

an upper cover B;  
a lower cover C;  
an optical fiber terminal L further connected to  
a decoding amplifier Q through an optical fiber wire M and then to a  
trumpet E.

It is important that the citation '141 does not disclose that the device  
can be used both for non-optical and optical device.

(B) For the combinations of the citations USP6,490,163 and USP6,823,141

From above discussion, it is known that the combination of the two  
citations has no the element of an upper cover and a lower cover as those  
disclosed in the present invention.

In fact, although the citation '141 has disclosed the optical connection,  
the main contribution of the present invention is that the audio connector  
of the present invention can be used for both non-optical and optical  
audio output device, such as earphone and trumpet. The single element

of the present invention is known in the prior art. However, the main contribution of the present invention is the total effect of the **combination of these elements.** In the present invention, some prior art used elements are combined to give a novel function , which makes the connecting device can have both the optical and non-optical function. Because currently, optical and non-optical audio devices are frequently used. The user must prepare two connecting sets for the two application. It is inconvenient and not cost- effective. However, the present invention resolve the defect in the prior art.

### (C) RESULT

Since in above discussion, it is apparent that no prior art has the features of the present invention, especially in new claim 7. Furthermore, as we know that no other prior art has features of the present invention. Thus, the present invention is novel and inventive.

If there is any error in the specification, or claims, applicant requests and authorizes Examiner to amend the claims, specification and drawings of the present invention so that they can match the requirement of U. S. Patent. Attentions of Examiner to this matter are greatly appreciated.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.

*PENG, TSENG-TIEN*

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